

Attorney Docket No.: UIC0005US.NP
Inventors: Kumar et al.
Serial No.: 10/567,958
Filing Date: May 10, 2006
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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-11 (canceled).

Claim 12 (currently amended): An siRNA molecule that reduces expression of the TGF β type II receptor, wherein the siRNA molecule is 19-25 base pairs in length and targets at least a portion of the TGF β type II receptor coding sequence ~~of a nucleic acid molecule comprising the nucleic acid sequence of SEQ ID NO:159~~ set forth in SEQ ID NO:3, SEQ ID NO:4 or SEQ ID NO:49.

Claim 13 (previously presented): A composition comprising the siRNA molecule of claim 1 and a pharmaceutically acceptable carrier.

Claim 14 (previously presented): The composition of claim 2, further comprising a wound healing agent.

Claim 15 (withdrawn): A method for promoting wound healing in a mammal comprising administering a therapeutically effective amount of a composition comprising the siRNA molecule of claim 12 to a mammal in need of treatment.

Claim 16 (withdrawn): A method for inhibiting fibrosis in a mammal comprising administering a therapeutically effective

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amount of a composition comprising the siRNA molecule of claim 12 to a mammal in need of treatment.

Claim 17 (withdrawn): A method for inhibiting angiogenesis in a mammal comprising administering a therapeutically effective amount of a composition comprising the siRNA molecule of claim 12 to a mammal in need of treatment.

Claim 18 (withdrawn): A method for preventing glaucoma in a mammal comprising administering to a mammal in need of treatment a therapeutically effective amount of a composition comprising the siRNA molecule of claim 12.

Claim 19 (withdrawn): A method of preventing restenosis in a mammal comprising administering to said mammal a therapeutically effective amount of a composition comprising the siRNA molecule of claim 12.

Claim 20 (withdrawn): A method of preventing or treating scarring in a mammal comprising administering to said mammal a therapeutically effective amount of a composition comprising the siRNA molecule of claim 12.

Claim 21 (new): An siRNA molecule comprising SEQ ID NO:5 and SEQ ID NO:6.

Claim 22 (new): An siRNA molecule comprising SEQ ID NO:7 and SEQ ID NO:8